



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Pankaj VYAS

Appl. No.: 09/904,593

Art Unit: 2661

Filed: 07/16/2001

Examiner: UNASSIGNED

For: Providing Differentiated Services on ATM  
Switched Virtual Circuits When Transporting  
IP Packets

Atty. Docket: CSCO-008/4339

**INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Listed below on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56. Applicant reserves the right to establish patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information is not enabling for the teachings purportedly offered.

X This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☒ (1) It is being filed within 3 months of the application filing date; OR  
☐ (2) It is being filed within 3 months of entry of a national stage; OR  
☒ (3) It is being filed before the mail date of the first Office Action on the merits.

— 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

- a certification as specified in §1.97(e) is provided below; **or**  
— a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

— 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

- A. a certification as specified in §1.97(e) is submitted herewith; **and**  
B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**  
C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

Respectfully submitted,

Date: February 15, 2006

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NRT/jk

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Examiner Signature		Date Considered	
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\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	09/904,593	
			Filing Date	07/16/2001	
			First Named Inventor	Pankaj VYAS	
			Group Art Unit	2666	
			Examiner Name	MOORE JR, MICHAEL	
Sheet	2	of	2	Attorney Docket Number	CSCO-008/4339

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GEORGE LAWTON, "Building the Internet backbone Take a virtual tour of a busy Network Access Point", Pages 1- 7; September 1996	
		GUNG-CHOU LAI AND RUAY-SHIUNG CHANG, "Support QoS in IP over ATM", from Computer Communications 22 (1999) 411 – 418, pages 1-42, 2 June 1997, Department of Computer Science and Information Engineering, National Dong Hwa University, Hualien, Taiwan.	
		R. CALLON, P. DOOLAN, N. FELDMAN, A. FREDETTE, G. SWALLOW AND A. VISWANATHAN, "A Framework for Multiprotocol Label Switching" from INTERNET DRAFT A Framework for MPLSPages 1- 64, November 21, 1997	
		ERIC CRAWLEY, RAJ NAIR, BALA RAJAGOPALAN and HAL SANDICK, "A Framework for QoS-based Routing in the Internet", pages 1- 8 May, 27, 1998.	
		ARUN VISWANATHAN, NANCY FELDMAN, ZHENG WANG and ROSS CALLON, "Evolution of Multi-Protocol Label Switching," pages 1- 12.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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